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(19) **United States**(12) **Patent Application Publication****Koehler et al.**(10) **Pub. No.: US 2022/0111745 A1**(43) **Pub. Date:****Apr. 14, 2022**(54) **DEVICE FOR HOLDING A CHARGING CABLE FOR ELECTRIC AND HYBRID VEHICLES**(52) **U.S. Cl.**CPC *B60L 53/30* (2019.02); *H02J 7/0042* (2013.01); *B60L 53/18* (2019.02)(71) Applicant: **FORD GLOBAL TECHNOLOGIES, LLC**, Dearborn, MI (US)

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ABSTRACT(72) Inventors: **Juergen Koehler**, Koln (DE); **Mustafa Yucel**, Kamen (DE); **Volker Krolzig**, Pulheim (DE); **Werner Jakobs**, Bergisch Gladbach (DE); **Stephan A. Grymel**, Cologne (DE)

A cable-holding device may be provided for electric and hybrid vehicles that are provided with a rechargeable storage device for storing electrical energy. The storage device may include a charging cable that can be connected to an external power supply device for the purpose of charging the storage device and is at least temporarily connected to the vehicle. The charging cable is stowed in the cable-holding device of the vehicle when not in use. The cable-holding device includes a closed holding space for receiving the charging cable. The holding space is delimited by a lower plate and an upper plate and is closed on all sides. A clear height of the holding space is only slightly greater than the diameter of the charging cable. A holding surface for the charging cable on the lower plate is dimensioned to be large enough that the whole charging cable can be held in the form of loops, and the holding space has a side through opening for the charging cable.

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